

ABSTRACT OF THE DISCLOSURE

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An apparatus and method for protecting a floating roof tank from the effects of a lightning strike are disclosed. In one aspect, the apparatus comprises an electrically conductive bonding strap in electrical communication with an inner tank wall and the floating roof located below liquid level, the bonding strap being of a length to minimize its self inductance, so as to provide a preferred electrically efficient path for conduction of lightning stroke current through an oxygen deficient environment.